

AbstractArrangement for Predicting an Abnormality of a System and for Implementing an-
Action Opposing the Abnormality

An arrangement ^{and method are} is presented that enables a prediction of an abnormality
5 and implements a suitable action opposing the abnormality. An information flow
underlying a dynamic system is thereby interpreted and a prediction quantity that
comprises the abnormality as characterizing quantity of the dynamic system is
determined ^{from it} therefrom. A neural network is trained with measured data of the system.
After the training, the abnormality can be indicated on the basis of the prediction
10 quantity before it occurs and the occurrence can be opposed with suitable measures.